

**Blythes Creek  
Recreational Use Attainability Analysis**

**July 2005**

**Prepared for:**  
UAA Review Committee  
Water Quality Monitoring & Assessment Section  
Water Protection Program  
**MISSOURI DEPARTMENT OF NATURAL RESOURCES**  
1101 Riverside Drive  
Jefferson City, MO 65102-0176

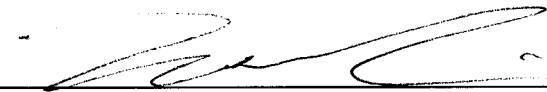
**Prepared by:**  
**MEC WATER RESOURCES, INC.**  
1000 North College Avenue, Suite 4  
Columbia, Missouri 65201

## **Field Data Sheets for Recreational Use Stream Surveys**

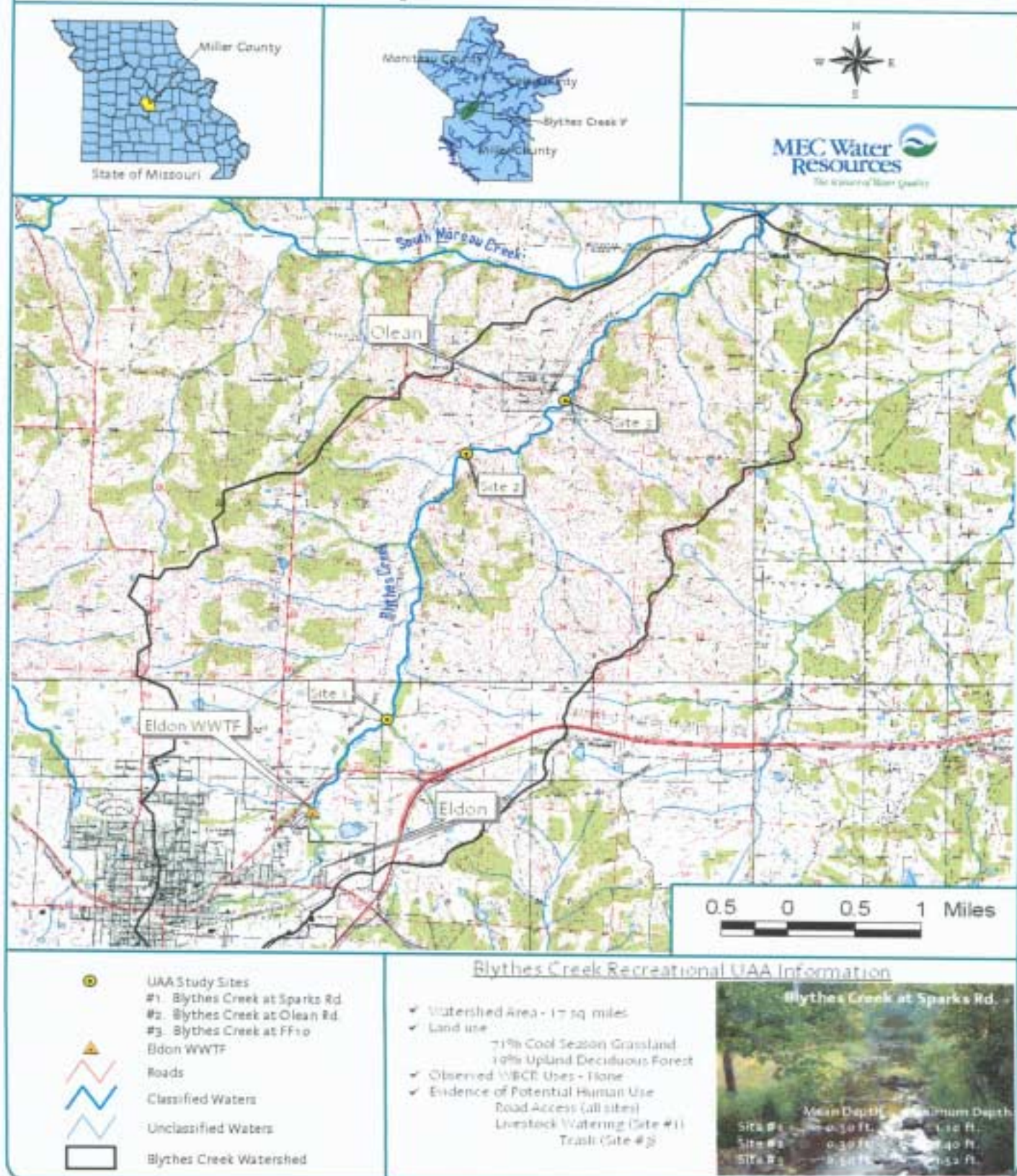
### **Data Sheet A – Water Body Identification**

|  |
|--|
| Water Body Name: Blythes Creek<br>(from USGS 7.5' quad)                              |
| 8-digit HUC: 10300102  |
| Missouri WBID # 0993   |
| County: Miller   |
| Upstream Legal Description: NW ¼ of NE ¼ of Section 26, Township 42N, Range 15W      |
| Downstream Legal Description: NE ¼ of SE ¼ of Section 12, Township 42N, Range 15W    |
| Upstream Coordinates: 38.35897 latitude, -92.56086 longitude<br>(USG 84, ddd,dddd)   |
| Downstream Coordinates: 38.40950 latitude, -92.52619 longitude<br>(USG 84, ddd,dddd) |
| Discharger Facility Name(s): Eldon WWTF  |
| Discharger Permit Number(s): MO0100676   |
| Number of Sites Evaluated: 3   |
| Name of Surveyor and Telephone Number: David Carani/573-443-4100                     |
| Organization: MEC Water Resources  |
| Position: Water Quality Specialist   |

**I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.**

Signed:  Date: 7/11/05

**Figure 1 Blythes Creek Study Area and Sites**



## Field Data Sheets for Recreational Use Stream Surveys

### Data Sheet B – Site Characterization

(A separate data sheet must be completed for each site)

|  |  |                              |
|--|--|------------------------------|
| Missouri WBID #: <u>0993</u>                 | Site Location Description:                             |                              |
| Site Lat/Long: <u>38.37.010/-92.55072</u>    | <u>Site 1 Sparks Road Bridge Crossing</u>              |                              |
| Date & Time: <u>6/24/05 6:30</u>             | Facility Name: <u>Eldon WWTP</u>                       |                              |
| Personnel: <u>DC DW KK</u>                   | Permit Number: <u>MO-0100676</u>                       |                              |
| Current Weather Conditions: <u>Sunny 80F</u> | Weather Conditions for Past 7 days: <u>Hot &gt;85°</u> |                              |
| Photo Ids: Upstream: <u>1,4</u>              | Downstream: <u>2,3,5</u>                               | Other: <u>6 algal growth</u> |

#### Used Observed\*:

|                                       |                                      |                                       |   |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|---|---------------------------------------|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin Diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing                       | <input type="checkbox"/> Water Skiing |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading                       | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input checked="" type="checkbox"/> None of the above | <input type="checkbox"/> Other        |

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

|  |   |   |  |   |
|--|---|---|--|---|
| <input type="checkbox"/> City/county parks | <input type="checkbox"/> Playgrounds      | <input type="checkbox"/> MDC conservation lands | <input type="checkbox"/> Urban areas   | <input type="checkbox"/> Campgrounds    |
| <input type="checkbox"/> Boating accesses  | <input type="checkbox"/> State parks      | <input type="checkbox"/> National forests       | <input type="checkbox"/> Nature trails | <input type="checkbox"/> Stairs/walkway |
| <input type="checkbox"/> No trespass sign  | <input checked="" type="checkbox"/> Fence | <input type="checkbox"/> Steep slopes           | <input type="checkbox"/> Other:        |   |

#### Evidence of Human Use\*:

|  |  |  |  |   |
|--|--|--|--|---|
| <input checked="" type="checkbox"/> Roads<br><u>BRIDGE CROSSING</u>  | <input type="checkbox"/> Foot paths/prints | <input type="checkbox"/> Dock/platform | <input checked="" type="checkbox"/> Livestock Watering | <input type="checkbox"/> RV/ATV Tracks  |
| <input type="checkbox"/> Rope swings   | <input type="checkbox"/> Camping Sites     | <input type="checkbox"/> Fire pit/ring | <input type="checkbox"/> NPDES Discharge               | <input type="checkbox"/> Fishing Tackle |
| <input checked="" type="checkbox"/> Other:<br><u>Footpath likely from cows in adjacent field - picture 5</u> |  |  |  |   |

**Site Locations Map(s):** Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

\*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

**Stream Morphology:**

Upstream View Physical Dimensions: See Appendix B in Report

|  |           |   |                                   |                |
|--|-----------|---|-----------------------------------|----------------|
| <input type="checkbox"/> Riffle          | Width(ft) | Length(ft)  | Ave. Depth(ft)                    | Max. Depth(ft) |
| <input type="checkbox"/> Run             | Width(ft) | Length(ft)  | Ave. Depth(ft)                    | Max. Depth(ft) |
| <input type="checkbox"/> Pool            | Width(ft) | Length(ft)  | Ave. Depth(ft)                    | Max. Depth(ft) |
| <input checked="" type="checkbox"/> Flow | Present?  | <input checked="" type="radio"/> Yes <input type="radio"/> No | Estimated (ft <sup>3</sup> /sec): | .40            |

Downstream View Physical Dimensions: See Appendix B in Report

|  |           |   |                                   |                |
|--|-----------|---|-----------------------------------|----------------|
| <input type="checkbox"/> Riffle          | Width(ft) | Length(ft)  | Ave. Depth(ft)                    | Max. Depth(ft) |
| <input type="checkbox"/> Run             | Width(ft) | Length(ft)  | Ave. Depth(ft)                    | Max. Depth(ft) |
| <input type="checkbox"/> Pool            | Width(ft) | Length(ft)  | Ave. Depth(ft)                    | Max. Depth(ft) |
| <input checked="" type="checkbox"/> Flow | Present?  | <input checked="" type="radio"/> Yes <input type="radio"/> No | Estimated (ft <sup>3</sup> /sec): | SAME AS ABOVE  |

**Substrate\*:** (These values should add up to 100%)

|            |            |          |       |           |             |
|------------|------------|----------|-------|-----------|-------------|
| 20 %Cobble | 50 %Gravel | 10 %Sand | %Silt | %Mud/Clay | 20 %Bedrock |
|------------|------------|----------|-------|-----------|-------------|

**Aquatic Vegetation\*:** (note amount of vegetation or algal growth at the assessment site)

|                                |
|--------------------------------|
| LAYER OF Algal growth ON ROCKS |
|--------------------------------|

**Water Characteristics\*:** (Mark all that apply.)

|                  |   |                                 |   |  |                                |
|------------------|---|---------------------------------|---|--|--------------------------------|
| Odor:            | <input type="checkbox"/> Sewage           | <input type="checkbox"/> Musky  | <input type="checkbox"/> Chemical       | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other |
| Color:           | <input checked="" type="checkbox"/> Clear | <input type="checkbox"/> Green  | <input type="checkbox"/> Gray           | <input type="checkbox"/> Milky           | <input type="checkbox"/> Other |
| Bottom Deposit:  | <input type="checkbox"/> Sludge           | <input type="checkbox"/> Solids | <input type="checkbox"/> Fine sediments | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other |
| Surface Deposit: | <input type="checkbox"/> Oil              | <input type="checkbox"/> Scum   | <input type="checkbox"/> Foam           | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other |

**Comments:** Please attach additional comments (including information from interviews) to this form.

\*This information is not to be used solely for removal of whole body contact recreation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: John Dallen Date: 7/16/05

Organization: MEL Water Resources Position: Principal



Figure 4. Blythes Creek Site 1 Downstream View



Mean depth along a 310 ft. assessment reach was 0.3 ft. as determined from 37 transects (Appendix B). The maximum depth observed at this location was 1.1 feet in a small pool within the assessment reach. Flow was measured as 0.40 cfs.

Livestock watering was the only sign of potential human use at this site. Fences impede access in the stream channel. The stream banks are gently sloping and not heavily vegetated and access to the stream is relatively easy. No individuals were seen or found to be available for interviews near the bridge during the survey.

MEC staff concludes that WBCR is neither an existing or an attainable use at this site based on limited access to the stream imposed by fences, absence of observed recreational uses, and low-flow, shallow conditions.

*Site 2. Olean Road Bridge Crossing (38.40304, -92.53951) 3.59 miles from WWTF*

The road crossing at Olean Road is located about 1.5 miles downstream from Site #1. Stream banks near the road are gently sloping and relatively easy to access (Figure 4). Riparian areas are wide and open and primarily vegetated by the upland deciduous forest complex (Figures 5 and 6). The stream channel was observed to be mostly bedrock with some cobble. Heavy algal growth was observed at this access point (Figure 7).

Mean depth along a 720 ft. assessment reach was 0.3 feet as determined from 29 transects (Appendix B). The maximum depth observed at this location was 1.4 feet in a small pool downstream of the road access. Flow was measured at 0.62 cfs.

**MEC Water Resources, Inc.**

Blythes Creek

Recreational Use Attainability Analysis

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stream. Banks are gently sloping and are vegetated with grasses, shrubs, and taller trees (Figures 3 and 4). Riparian areas are composed of trees and shrubs with some cool-season grasses associated with the grazing pasture nearby. Channel substrate was predominately gravel with cobble, bedrock, and sand present. Filamentous algal growth was present on the substrate throughout the reach.

**Figure 2. Blythes Creek Site 1 Fence Across Stream Channel**



**Figure 3. Blythes Creek Site 1 Upstream View**



## Field Data Sheets for Recreational Use Stream Surveys

### Data Sheet B – Site Characterization

(A separate data sheet must be completed for each site)

|                                       |   |                        |
|---------------------------------------|---|------------------------|
| Missouri WBID #: 0993                 | Site Location Description:                    |                        |
| Site Lat/Long: 38.40304/-92.53951     | Site 2 OLEW ROAD Bridge Crossing              |                        |
| Date & Time: 6/24/05 9:45             | Facility Name: Eldon WWTP                     |                        |
| Personnel: DC DW KK                   | Permit Number: MD-0100676                     |                        |
| Current Weather Conditions: Sunny 85F | Weather Conditions for Past 7 days: Hot > 85° |                        |
| Photo Ids: Upstream: 7,               | Downstream: 8                                 | Other: 10 algal growth |

#### Used Observed\*:

|                                       |                                      |  |  |                                       |
|---------------------------------------|--------------------------------------|--|--|---------------------------------------|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin Diving | <input type="checkbox"/> SCUBA diving                    | <input type="checkbox"/> Tubing            | <input type="checkbox"/> Water Skiing |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating                         | <input type="checkbox"/> Wading            | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input checked="" type="checkbox"/> Fishing Fish carcass | <input type="checkbox"/> None of the above | <input type="checkbox"/> Other        |

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

|  |   |   |  |   |
|--|---|---|--|---|
| <input type="checkbox"/> City/county parks | <input type="checkbox"/> Playgrounds      | <input type="checkbox"/> MDC conservation lands | <input type="checkbox"/> Urban areas   | <input type="checkbox"/> Campgrounds    |
| <input type="checkbox"/> Boating accesses  | <input type="checkbox"/> State parks      | <input type="checkbox"/> National forests       | <input type="checkbox"/> Nature trails | <input type="checkbox"/> Stairs/walkway |
| <input type="checkbox"/> No trespass sign  | <input checked="" type="checkbox"/> Fence | <input type="checkbox"/> Steep slopes           | <input type="checkbox"/> Other:        |   |

#### Evidence of Human Use\*:

|  |  |  |   |   |
|--|--|--|---|---|
| <input checked="" type="checkbox"/> Roads<br>BRIDGE Crossing | <input type="checkbox"/> Foot paths/prints | <input type="checkbox"/> Dock/platform | <input type="checkbox"/> Livestock Watering | <input type="checkbox"/> RV/ATV Tracks  |
| <input type="checkbox"/> Rope swings                         | <input type="checkbox"/> Camping Sites     | <input type="checkbox"/> Fire pit/ring | <input type="checkbox"/> NPDES Discharge    | <input type="checkbox"/> Fishing Tackle |
| <input type="checkbox"/> Other:                              |  |  |   |   |

**Site Locations Map(s):** Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

\*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.



**Stream Morphology:**

Upstream View Physical Dimensions: See Appendix B in Report

|  |           |   |                                   |                |
|--|-----------|---|-----------------------------------|----------------|
| <input type="checkbox"/> Riffle          | Width(ft) | Length(ft)  | Ave. Depth(ft)                    | Max. Depth(ft) |
| <input type="checkbox"/> Run             | Width(ft) | Length(ft)  | Ave. Depth(ft)                    | Max. Depth(ft) |
| <input type="checkbox"/> Pool            | Width(ft) | Length(ft)  | Ave. Depth(ft)                    | Max. Depth(ft) |
| <input checked="" type="checkbox"/> Flow | Present?  | <input checked="" type="radio"/> Yes <input type="radio"/> No | Estimated (ft <sup>3</sup> /sec): | .62            |

Downstream View Physical Dimensions: See Appendix B in Report

|  |           |   |                                   |                |
|--|-----------|---|-----------------------------------|----------------|
| <input type="checkbox"/> Riffle          | Width(ft) | Length(ft)  | Ave. Depth(ft)                    | Max. Depth(ft) |
| <input type="checkbox"/> Run             | Width(ft) | Length(ft)  | Ave. Depth(ft)                    | Max. Depth(ft) |
| <input type="checkbox"/> Pool            | Width(ft) | Length(ft)  | Ave. Depth(ft)                    | Max. Depth(ft) |
| <input checked="" type="checkbox"/> Flow | Present?  | <input checked="" type="radio"/> Yes <input type="radio"/> No | Estimated (ft <sup>3</sup> /sec): | SEE ABOVE      |

**Substrate\*:** (These values should add up to 100%)

|            |            |       |       |           |             |
|------------|------------|-------|-------|-----------|-------------|
| 10 %Cobble | 20 %Gravel | %Sand | %Silt | %Mud/Clay | 70 %Bedrock |
|------------|------------|-------|-------|-----------|-------------|

**Aquatic Vegetation\*:** (note amount of vegetation or algal growth at the assessment site)

|                                      |
|--------------------------------------|
| A lot of algal growth - COVERED ROCK |
|--------------------------------------|

**Water Characteristics\*:** (Mark all that apply.)

|                  |   |                                 |   |  |                                |
|------------------|---|---------------------------------|---|--|--------------------------------|
| Odor:            | <input type="checkbox"/> Sewage           | <input type="checkbox"/> Musky  | <input type="checkbox"/> Chemical       | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other |
| Color:           | <input checked="" type="checkbox"/> Clear | <input type="checkbox"/> Green  | <input type="checkbox"/> Gray           | <input type="checkbox"/> Milky           | <input type="checkbox"/> Other |
| Bottom Deposit:  | <input type="checkbox"/> Sludge           | <input type="checkbox"/> Solids | <input type="checkbox"/> Fine sediments | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other |
| Surface Deposit: | <input type="checkbox"/> Oil              | <input type="checkbox"/> Scum   | <input type="checkbox"/> Foam           | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other |

**Comments:** Please attach additional comments (including information from interviews) to this form.

\*This information is not to be used solely for removal of whole body contact recreation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: J. DeWolfe Date: 7/11/05

Organization: MEC Water Resources Inc Position: Principal

Figure 7. Blythes Creek Site 2 Downstream View



Figure 8. Blythes Creek Site 2 Algal Growth



*Site 3. County Road FF-10 Bridge Crossing (38.40950, -92.52619) 4.72 miles from WWTF*

County Road FF-10 is downstream from Site #2 and is near the town of Olean, Missouri. Stream banks are gently sloping, sparsely vegetated, and covered with rocks and brush

**MEC Water Resources, Inc.**

Blythes Creek

Recreational Use Attainability Analysis

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Human uses were not observed at this site. No individuals were seen or found to be available for interviews near the bridge crossing at the time of the survey. Filleted fish carcasses were observed directly under the bridge and were likely dumped from the bridge. MEC staff concludes that WBCR is neither an existing nor an attainable use at this site based on absence of observed recreational uses, low-flow, shallow conditions and heavy algal growth.

Figure 5. Blythes Creek Site 2 Access to Stream



Figure 6. Blythes Creek Site 2 Upstream View



## Field Data Sheets for Recreational Use Stream Surveys

### Data Sheet B – Site Characterization

(A separate data sheet must be completed for each site)

|   |  |   |
|---|--|---|
| Missouri WBID #: 0993                     | Site Location Description:                   |   |
| Site Lat/Long: 38.40950/-92.52619         | Site 3 County Road FF Bridge Crossing        |   |
| Date & Time: 6/24/05 1330                 | Facility Name: Eldon WWTP                    |   |
| Personnel: DC DW KK                       | Permit Number: MD-0100676                    |   |
| Current Weather Conditions: 95° Hot/Sunny | Weather Conditions for Past 7 days: Hot >85° |   |
| Photo Ids: Upstream: 17                   | Downstream: 18                               | Other: 16-trash 17-tire marks<br>15-children in stream<br>19-Bank Downstream<br>20-algal growth |

#### Used Observed\*:

|                                       |                                      |                                       |  |   |
|---------------------------------------|--------------------------------------|---------------------------------------|--|---|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin Diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing            | <input type="checkbox"/> Water Skiing     |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading            | <input type="checkbox"/> Rafting          |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input type="checkbox"/> None of the above | <input checked="" type="checkbox"/> Other |

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc. 3 children catching Frogs/CRAWFish

**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

|  |                                      |   |  |   |
|--|--------------------------------------|---|--|---|
| <input type="checkbox"/> City/county parks | <input type="checkbox"/> Playgrounds | <input type="checkbox"/> MDC conservation lands | <input type="checkbox"/> Urban areas                         | <input type="checkbox"/> Campgrounds    |
| <input type="checkbox"/> Boating accesses  | <input type="checkbox"/> State parks | <input type="checkbox"/> National forests       | <input type="checkbox"/> Nature trails                       | <input type="checkbox"/> Stairs/walkway |
| <input type="checkbox"/> No trespass sign  | <input type="checkbox"/> Fence       | <input type="checkbox"/> Steep slopes           | <input checked="" type="checkbox"/> Other: None of the Above |   |

#### Evidence of Human Use\*:

|  |  |  |   |  |
|--|--|--|---|--|
| <input checked="" type="checkbox"/> Roads<br>Bridge Crossing   | <input type="checkbox"/> Foot paths/prints | <input type="checkbox"/> Dock/platform | <input type="checkbox"/> Livestock Watering | <input checked="" type="checkbox"/> RV/ATV Tracks<br>Runs Upstream |
| <input type="checkbox"/> Rope swings   | <input type="checkbox"/> Camping Sites     | <input type="checkbox"/> Fire pit/ring | <input type="checkbox"/> NPDES Discharge    | <input type="checkbox"/> Fishing Tackle                            |
| <input checked="" type="checkbox"/> Other:<br>Looks Like Fire ring but no charred wood - maybe picnic site |  |  |   |  |

**Site Locations Map(s):** Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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**Stream Morphology:**

Upstream View Physical Dimensions: See Appendix B in Report

|  |           |            |                                   |                |
|--|-----------|------------|-----------------------------------|----------------|
| <input type="checkbox"/> Riffle          | Width(ft) | Length(ft) | Ave. Depth(ft)                    | Max. Depth(ft) |
| <input type="checkbox"/> Run             | Width(ft) | Length(ft) | Ave. Depth(ft)                    | Max. Depth(ft) |
| <input type="checkbox"/> Pool            | Width(ft) | Length(ft) | Ave. Depth(ft)                    | Max. Depth(ft) |
| <input checked="" type="checkbox"/> Flow | Present?  | Yes No     | Estimated (ft <sup>3</sup> /sec): | .41            |

**Downstream View Physical Dimensions:**

|  |           |            |                                   |                |
|--|-----------|------------|-----------------------------------|----------------|
| <input type="checkbox"/> Riffle          | Width(ft) | Length(ft) | Ave. Depth(ft)                    | Max. Depth(ft) |
| <input type="checkbox"/> Run             | Width(ft) | Length(ft) | Ave. Depth(ft)                    | Max. Depth(ft) |
| <input type="checkbox"/> Pool            | Width(ft) | Length(ft) | Ave. Depth(ft)                    | Max. Depth(ft) |
| <input checked="" type="checkbox"/> Flow | Present?  | Yes No     | Estimated (ft <sup>3</sup> /sec): | SEE ABOVE      |

**Substrate\*:** (These values should add up to 100%)

|            |            |          |       |           |             |
|------------|------------|----------|-------|-----------|-------------|
| 20 %Cobble | 60 %Gravel | 10 %Sand | %Silt | %Mud/Clay | 10 %Bedrock |
|------------|------------|----------|-------|-----------|-------------|

**Aquatic Vegetation\*:** (note amount of vegetation or algal growth at the assessment site)

|   |
|---|
| not as much as sites 1+2, but still present |
|---|

**Water Characteristics\*:** (Mark all that apply.)

|                  |   |                                 |   |  |                                |
|------------------|---|---------------------------------|---|--|--------------------------------|
| Odor:            | <input type="checkbox"/> Sewage           | <input type="checkbox"/> Musky  | <input type="checkbox"/> Chemical       | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other |
| Color:           | <input checked="" type="checkbox"/> Clear | <input type="checkbox"/> Green  | <input type="checkbox"/> Gray           | <input type="checkbox"/> Milky           | <input type="checkbox"/> Other |
| Bottom Deposit:  | <input type="checkbox"/> Sludge           | <input type="checkbox"/> Solids | <input type="checkbox"/> Fine sediments | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other |
| Surface Deposit: | <input type="checkbox"/> Oil              | <input type="checkbox"/> Scum   | <input type="checkbox"/> Foam           | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other |

**Comments:** Please attach additional comments (including information from interviews) to this form.

\*This information is not to be used solely for removal of whole body contact recreation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: [Signature] Date: 2/11/05

Organization: MCC Water Resources Inc. Position: Principal

Figure 10. Blythes Creek Site 3 Downstream View



Figure 11. Blythes Creek Site 3 Garbage on Stream Bank



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Blythes Creek

Recreational Use Attainability Analysis

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(Figure 6). Riparian area is generally less than 50 ft. wide on both sides of the stream and consists of larger trees, brush, and some grassy areas (Figure 7). Stream substrate consisted mainly of gravel with some cobble and sand present.

Mean depth along a 840 ft. assessment reach was 0.50 feet as determined from 24 transects (Appendix B). The maximum depth observed at this location was 1.52 feet in a pool downstream of the road access. Observed streamflow was 0.42 cfs.

Upon arriving at the bridge crossing, MEC staff observed 3 children attempting to catch frogs and crayfish in the stream. All terrain vehicle tracks were also observed entering the stream at the bridge crossing. Garbage and food leftovers were observed about 100 feet upstream from the bridge crossing on a sandy area on the stream bank (Figure 8).

MEC staff concludes that WBCR is neither an existing nor an attainable use at this site based on the low-flow, shallow conditions. Potential Secondary Contact Recreation (SCR) activities were observed at Site 3 however WBCR activities were not.

**Figure 9. Blythes Creek Site 3 Children Playing Near Stream (Upstream View)**

